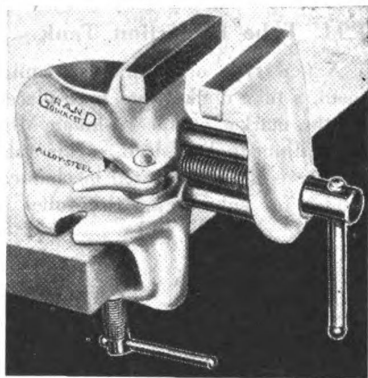


P90. Quick-Action Vise

A new type quick-action machinist vise has been announced by the Grand Specialties Co., Chicago. Known as the Grand 3-in. Quickcet Alloy Steel Machinist's Vise, it is manually operated but eliminates running the screw in or out to close or open. It is claimed that this speed vise can be set and closed quickly by simply pushing the body of the free

ing and rust-proofed as well. It is equipped with bottom screw clamp for shifting to any bench, or it can be bolted down for stationary use.

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jaw, which slides on ratchet screw and two precision guide rods. It tightens with a turn of the handle.

The vise is equipped with a trigger release pawl with $\frac{3}{4}$ in. of thread which holds the hardened screw under spring tension. It is said to open instantly to full 3 in. by pressure of thumb on trigger release after tension has been eased by single turn of the loose-proof handle.

The Quickcet vise is spatterproofed for welding use with copper plat-